



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Sontheimer et al. § ART UNIT: 1642  
§  
FILED: November 28, 1997 § EXAMINER:  
§ Sun-Hoffman, L.  
§  
SERIAL NO.: 08/980,395 §  
§  
FOR: Novel Methods of Diagnosing § DOCKET:  
and Treating Glioma § D 5858D1  
§

The Assistant Commissioner of Patents and Trademarks  
Box NON-FEE AMENDMENT  
Washington, DC 20231

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8**

Dear Sir:

I hereby certify under 37 CFR 1.8 that the following correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to Commissioner of Patents and Trademarks, Washington DC 20231.

1) Response to Office Action (6 pages).

Please return the enclosed postcard acknowledging receipt of this correspondence.

Respectfully submitted,

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Date: March 18, 1999  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Sontheimer et al.

§ ART UNIT: 1642

FILED: November 28, 1997

§ EXAMINER: 4/18/99

SERIAL NO.: 08/980,395

§ Sun-Hoffman, L.

FOR: Novel Methods of Diagnosing  
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§ DOCKET: D 5858D1

The Assistant Commissioner of Patents and Trademarks  
Box NON-FEE AMENDMENT  
Washington, DC 20231

RESPONSE UNDER 37 CFR 1.11

Dear Sir:

Responsive to the Office Action mailed January 22, 1999,  
please enter the following amendments. Reconsideration of this  
application as amended is respectfully requested.

IN THE CLAIMS:

*Sub E* 1. (twice amended) A pharmaceutical composition,  
comprising a chlorotoxin ligand which binds specifically to glial-  
derived or meningioma-derived tumor cells and a pharmaceutically  
acceptable carrier[, wherein said ligand is selected from the group  
consisting of antibody which recognizes an antigen that is a glioma or  
meningioma specific chloride channel and a chlorotoxin-like  
compound].